

| Appendix I. Accepted ECOTOX Data Table |                 |                |                               |              |        |      |        |        |                    |                    |                                                |                                                |                      |          |        |
|----------------------------------------|-----------------|----------------|-------------------------------|--------------|--------|------|--------|--------|--------------------|--------------------|------------------------------------------------|------------------------------------------------|----------------------|----------|--------|
| Chemical Name                          | Genus           | Species        | Common Name                   | Effect Group | Effect | Meas | Endpt1 | Endpt2 | Dur Preferred Mean | Dur Unit Preferred | Conc #1 Purity Adjusted in Preferred Unit Mean | Conc #2 Purity Adjusted in Preferred Unit Mean | Conc Units Preferred | % Purity | Ref #  |
| Methomyl                               | Eisenia         | andrei         | Earthworm                     | BEH          | AVO    | CHEM | NOEC   | LOEC   |                    | 2 d                | 0.25                                           | 0.35                                           | Al kg/ha             | 100      | 118717 |
| Methomyl                               | Eisenia         | andrei         | Earthworm                     | BEH          | AVO    | CHEM | NOEC   | LOEC   |                    | 2 d                | 0.64                                           | 1                                              | Al kg/ha             | 99.5     | 118717 |
| Methomyl                               | Pisum           | sativum        | Pea                           | BCM          | BCM    | NCON | NOAEL  |        |                    | gs                 | 0.49952                                        |                                                | lb/acre              | 100      | 114763 |
| Methomyl                               | Pisum           | sativum        | Pea                           | BCM          | BCM    | NCON | NOAEL  |        |                    | gs                 | 0.49952                                        |                                                | lb/acre              | 100      | 114763 |
| Methomyl                               | Rattus          | norvegicus     | Norway rat                    | BCM          | BCM    | GLTH | LOAEL  |        |                    | 30 d               | 4                                              |                                                | ppm                  | 100      | 118558 |
| Methomyl                               | Eobania         | vermiculata    | Chocolate Band Snail          | BCM          | BCM    | LIPT | LOAEL  |        |                    | d                  | 0.08                                           |                                                | Al % w/w             | 90       | 111168 |
| Methomyl                               | Eobania         | vermiculata    | Chocolate Band Snail          | BCM          | BCM    | LIPT | LOAEL  |        |                    | 2 d                | 20.25                                          |                                                | ug/org               | 90       | 111168 |
| Methomyl                               | Rattus          | norvegicus     | Norway rat                    | BCM          | BCM    | SGSG | LOAEL  |        |                    | 1 d                | 9                                              |                                                | mg/kg bdwt           | 100      | 118552 |
| Methomyl                               | Gammarus        | fossarum       | Scud                          | BEH          | BEH    | ACTV | NOAEL  |        |                    | 4 d                | 986.4                                          |                                                | nM                   | 100      | 116122 |
| Methomyl                               | Caenorhabditis  | elegans        | Nematode                      | BEH          | BEH    | NMVM | EC50   |        | 0.16666667 d       |                    | 0.1039                                         |                                                | mM                   | 100      | 113051 |
| Methomyl                               | Neozygites      | floridana      | Fungus                        | BEH          | BEH    | ATTK | LOAEL  |        |                    | 7 d                | 50                                             |                                                | ml/100 L             | 100      | 118209 |
| Methomyl                               | Neozygites      | floridana      | Fungus                        | BEH          | BEH    | ATTK | NOAEL  |        |                    | 7 d                | 100                                            |                                                | ml/100 L             | 100      | 118209 |
| Methomyl                               | Neozygites      | floridana      | Fungus                        | BEH          | BEH    | ATTK | NOAEL  |        |                    | 7 d                | 100                                            |                                                | ml/100 L             | 100      | 118209 |
| Methomyl                               | Neozygites      | floridana      | Fungus                        | BEH          | BEH    | ATTK | NOAEL  |        |                    | 7 d                | 100                                            |                                                | ml/100 L             | 100      | 118209 |
| Methomyl                               | Trichogramma    | pretiosum      | Parasitic wasp                | BEH          | BEH    | ATTK | LOAEL  |        |                    | 3 d                | 5                                              |                                                | Al kg/ha             | 100      | 113452 |
| Methomyl                               | Rattus          | norvegicus     | Norway rat                    | CEL          | CEL    | LEUK | LOAEL  |        |                    | 30 d               | 4                                              |                                                | ppm                  | 100      | 118558 |
| Methomyl                               | Trichogramma    | nubilale       | Parasitic Wasp                | GRO          | DVP    | EMRG | LOAEL  |        |                    | 6 d                | 0.1                                            |                                                | Al kg/ha             | 100      | 112749 |
| Methomyl                               | Trichogramma    | nubilale       | Parasitic Wasp                | GRO          | DVP    | EMRG | LOAEL  |        |                    | 6 d                | 0.1                                            |                                                | Al kg/ha             | 100      | 112749 |
| Methomyl                               | Diaeretiella    | rapae          | Parasitoid Wasp               | GRO          | DVP    | EMRG | NOAEL  | LOAEL  |                    | em                 | 0.06                                           | 0.12                                           | Al %                 | 100      | 114765 |
| Methomyl                               | Gammarus        | fossarum       | Scud                          | BCM          | ENZ    | ACHE | LOAEL  |        |                    | 1 d                |                                                |                                                | nM                   | 100      | 116122 |
| Methomyl                               | Coturnix        | japonica       | Japanese quail                | BCM          | ENZ    | BCHE | NOEL   |        |                    | 2 d                | 50                                             |                                                | mg/kg bdwt           | 100      | 73591  |
| Methomyl                               | Coturnix        | japonica       | Japanese quail                | BCM          | ENZ    | BCHE | NOEL   |        |                    | 1 d                | 50                                             |                                                | mg/kg bdwt           | 100      | 73591  |
| Methomyl                               | Coturnix        | japonica       | Japanese quail                | BCM          | ENZ    | ALIE | NOEL   |        |                    | 1 d                | 50                                             |                                                | mg/kg bdwt           | 100      | 73591  |
| Methomyl                               | Coturnix        | japonica       | Japanese quail                | BCM          | ENZ    | ALIE | NOEL   |        |                    | 3 d                | 50                                             |                                                | mg/kg bdwt           | 100      | 73591  |
| Methomyl                               | Theba           | pisana         | Land Snail                    | BCM          | ENZ    | ACHE | LOAEL  |        |                    | 1 d                | 0.45                                           |                                                | %w/w                 | 90       | 74140  |
| Methomyl                               | Rattus          | norvegicus     | Norway rat                    | BCM          | ENZ    | GSTR | LOAEL  |        |                    | 30 d               | 4                                              |                                                | ppm                  | 100      | 118558 |
| Methomyl                               | Rattus          | norvegicus     | Norway rat                    | BCM          | ENZ    | ACHE | LOAEL  |        |                    | 1 d                | 9                                              |                                                | mg/kg bdwt           | 100      | 118552 |
| Methomyl                               | Gammarus        | fossarum       | Scud                          | BEH          | FDB    | FCNS | NOAEL  | LOAEL  |                    | 2 d                |                                                |                                                | nM                   | 100      | 116122 |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | GRO          | GRO    | WGHT | NOEL   |        |                    | 12 d               | 50                                             |                                                | ppm                  | >95      | 90474  |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | GRO          | GRO    | WGHT | LOEL   |        |                    | 6 d                | 50                                             |                                                | ppm                  | >95      | 90474  |
| Methomyl                               | Lycopersicon    | sp.            | Tomato                        | GRO          | GRO    | WGHT | NOAEL  |        |                    | d                  | 4.46                                           |                                                | lb/acre              | 100      | 113452 |
| Methomyl                               | Lycopersicon    | sp.            | Tomato                        | GRO          | GRO    | WGHT | NOAEL  |        |                    | d                  | 4.46                                           |                                                | lb/acre              | 100      | 113452 |
| Methomyl                               | Gammarus        | fossarum       | Scud                          | MOR          | MOR    | SURV | NOAEL  |        |                    | 4 d                | 986.4                                          |                                                | nM                   | 100      | 116122 |
| Methomyl                               | Helicoverpa     | zea            | Corn earworm                  | MOR          | MOR    | MORT | LD95   |        |                    | 2 d                | 334                                            |                                                | ppm                  | 100      | 89573  |
| Methomyl                               | Helicoverpa     | zea            | Corn earworm                  | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 32.1                                           |                                                | ppm                  | 100      | 89573  |
| Methomyl                               | Helicoverpa     | zea            | Corn earworm                  | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 39.9                                           |                                                | ppm                  | 100      | 89573  |
| Methomyl                               | Helicoverpa     | zea            | Corn earworm                  | MOR          | MOR    | MORT | LD95   |        |                    | 2 d                | 110                                            |                                                | ppm                  | 100      | 89573  |
| Methomyl                               | Zeiraphera      | canadensis     | Spruce Budmoth                | MOR          | MOR    | MORT | LC50   |        |                    | 3 d                | 0.0169                                         |                                                | Al ug/cm2            | 100      | 73595  |
| Methomyl                               | Zeiraphera      | canadensis     | Spruce Budmoth                | MOR          | MOR    | MORT | LC50   |        |                    | 3 d                | 0.0249                                         |                                                | Al ug/cm2            | 100      | 73595  |
| Methomyl                               | Pholetesor      | pedias         | Braconid Wasp                 | MOR          | MOR    | MORT | LC50   |        |                    | 1 d                | 472.9                                          |                                                | ppm                  | 95       | 90886  |
| Methomyl                               | Pholetesor      | ornigis        | Braconid Wasp                 | MOR          | MOR    | MORT | LC50   |        |                    | 1 d                | 470.1                                          |                                                | ppm                  | 95       | 90886  |
| Methomyl                               | Pholetesor      | ornigis        | Braconid Wasp                 | MOR          | MOR    | MORT | LC50   |        |                    | 1 d                | 457.1                                          |                                                | ppm                  | 95       | 90886  |
| Methomyl                               | Daphnia         | magna          | Water flea                    | MOR          | MOR    | MORT | EC50   |        |                    | 2 d                | 0.024                                          |                                                | mg/L                 | 100      | 118717 |
| Methomyl                               | Daphnia         | magna          | Water flea                    | MOR          | MOR    | MORT | EC50   |        |                    | 2 d                | 0.021                                          |                                                | mg/L                 | 99.5     | 118717 |
| Methomyl                               | Spodoptera      | littoralis     | Egyptian cotton leafworm      | MOR          | MOR    | MORT | LD50   |        |                    | 1 d                | 2.48                                           |                                                | ppm                  | >95      | 92552  |
| Methomyl                               | Spodoptera      | littoralis     | Egyptian cotton leafworm      | MOR          | MOR    | MORT | LD50   |        |                    | 1 d                | 2.1                                            |                                                | ppm                  | >95      | 92552  |
| Methomyl                               | Oncorhynchus    | mykiss         | Rainbow trout,donaldson trout | MOR          | MOR    | MORT | LC50   |        |                    | 4 d                | 3.636                                          |                                                | mg/L                 | 90       | 118556 |
| Methomyl                               | Tilapia         | nilotica       | Nile tilapia                  | MOR          | MOR    | MORT | LC50   |        |                    | 4 d                | 1.629                                          |                                                | mg/L                 | 90       | 118556 |
| Methomyl                               | Thamnocephalus  | platyurus      | Fairy shrimp                  | MOR          | MOR    | MORT | LC50   |        |                    | 1 d                | 0.108                                          |                                                | mg/L                 | 90       | 118556 |
| Methomyl                               | Thamnocephalus  | platyurus      | Fairy shrimp                  | MOR          | MOR    | MORT | LC50   |        |                    | 1 d                | 0.13                                           |                                                | mg/L                 | 100      | 118556 |
| Methomyl                               | Rhithropanopeus | harrisii       | Mud crab                      | MOR          | MOR    | MORT | EC50   |        |                    | 1 d                | 0.334                                          |                                                | mg/L                 | 98       | 118553 |
| Methomyl                               | Spodoptera      | littoralis     | Egyptian cotton leafworm      | MOR          | MOR    | MORT | LD50   |        |                    | 1 d                | 1.1                                            |                                                | ppm                  | 100      | 92701  |
| Methomyl                               | Spodoptera      | littoralis     | Egyptian cotton leafworm      | MOR          | MOR    | MORT | LD50   |        |                    | 1 d                | 8.2                                            |                                                | ppm                  | 100      | 92701  |
| Methomyl                               | Keiferia        | lycopersicella | Tomato pinworm                | MOR          | MOR    | MORT | LOAEL  |        |                    | d                  | 1200                                           |                                                | ppm                  | 100      | 113455 |
| Methomyl                               | Keiferia        | lycopersicella | Tomato pinworm                | MOR          | MOR    | MORT | LC50   |        |                    | d                  | 438.2                                          |                                                | ppm                  | 100      | 113455 |
| Methomyl                               | Keiferia        | lycopersicella | Tomato pinworm                | MOR          | MOR    | MORT | LC90   |        |                    | d                  | 1628.4                                         |                                                | ppm                  | 100      | 113455 |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 2.25                                           |                                                | ppm                  | 100      | 112750 |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 1.7                                            |                                                | ppm                  | 100      | 112750 |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 1.29                                           |                                                | ppm                  | 100      | 112750 |
| Methomyl                               | Spodoptera      | frugiperda     | Fall armyworm                 | MOR          | MOR    | MORT | LD50   |        |                    | 2 d                | 7.06                                           |                                                | ppm                  | 100      | 112750 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 6.2                                            |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 1.97                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 1.85                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 3.34                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 4.46                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 8.98                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 2.97                                           |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 3.9                                            |                                                | ppm                  | 100      | 112748 |
| Methomyl                               | Trichoplusia    | ni             | Cabbage looper                | MOR          | MOR    | MORT | LD50   |        |                    | 3 d                | 1.1                                            |                                                | ppm                  | 100      | 112748 |

| Chemical Name | Genus               | Species         | Common Name                | Effect Group | Effect | Meas | Endpt1  | Endpt2 | Dur Preferred Mean | Dur Unit Preferred | Conc #1 Purity Adjusted in Preferred Unit Mean | Conc #2 Purity Adjusted in Preferred Unit Mean | Conc Units Preferred | % Purity | Ref #  |
|---------------|---------------------|-----------------|----------------------------|--------------|--------|------|---------|--------|--------------------|--------------------|------------------------------------------------|------------------------------------------------|----------------------|----------|--------|
| Methomyl      | Trichoplusia        | ni              | Cabbage looper             | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 2.24                                           | ppm                  | 100      | 112748 |
| Methomyl      | Trichoplusia        | ni              | Cabbage looper             | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 7.02                                           | ppm                  | 100      | 112748 |
| Methomyl      | Trichoplusia        | ni              | Cabbage looper             | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 2.25                                           | ppm                  | 100      | 112748 |
| Methomyl      | Trichoplusia        | ni              | Cabbage looper             | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 6.91                                           | ppm                  | 100      | 112748 |
| Methomyl      | Trichoplusia        | ni              | Cabbage looper             | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 2.69                                           | ppm                  | 100      | 112748 |
| Methomyl      | Choristoneura       | rosaceana       | Oblique banded leaf roller | MOR          | MOR    | MORT | LD50    |        |                    | 1 d                |                                                | 7.04                                           | ppm                  | 100      | 114766 |
| Methomyl      | Choristoneura       | rosaceana       | Oblique banded leaf roller | MOR          | MOR    | MORT | LD90    |        |                    | 1 d                |                                                | 14.86                                          | ppm                  | 100      | 114766 |
| Methomyl      | Choristoneura       | rosaceana       | Oblique banded leaf roller | MOR          | MOR    | MORT | LD50    |        |                    | 1 d                |                                                | 3.49                                           | ppm                  | 100      | 114766 |
| Methomyl      | Choristoneura       | rosaceana       | Oblique banded leaf roller | MOR          | MOR    | MORT | LD90    |        |                    | 1 d                |                                                | 7.37                                           | ppm                  | 100      | 114766 |
| Methomyl      | Helicoverpa         | virescens       | Tobacco Budworm            | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 0.19                                           | ug/org               | 100      | 74111  |
| Methomyl      | Helicoverpa         | virescens       | Tobacco Budworm            | MOR          | MOR    | MORT | LD50    |        |                    | 3 d                |                                                | 43.2                                           | ug/org               | 100      | 74111  |
| Methomyl      | Diaeretiella        | rapae           | Parasitoid Wasp            | MOR          | MOR    | MORT | LC50    |        |                    | em                 |                                                | 0.57                                           | AI %                 | 100      | 114765 |
| Methomyl      | Diaeretiella        | rapae           | Parasitoid Wasp            | MOR          | MOR    | SURV | NOAEL   |        |                    | em                 |                                                | 0.12                                           | AI %                 | 100      | 114765 |
| Methomyl      | Diglyphus           | begini          | Eulophid Wasp              | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 8.4                                            | ppm                  | 100      | 113459 |
| Methomyl      | Diglyphus           | begini          | Eulophid Wasp              | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 15                                             | ppm                  | 100      | 113459 |
| Methomyl      | Diglyphus           | begini          | Eulophid Wasp              | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 180                                            | ppm                  | 100      | 113459 |
| Methomyl      | Diglyphus           | begini          | Eulophid Wasp              | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 120                                            | ppm                  | 100      | 113459 |
| Methomyl      | Diglyphus           | begini          | Eulophid Wasp              | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 130                                            | ppm                  | 100      | 113459 |
| Methomyl      | Theba               | pisana          | Land Snail                 | MOR          | MOR    | MORT | LT50    |        |                    | 2.31 d             |                                                | 0.45                                           | %w/w                 | 90       | 74140  |
| Methomyl      | Plutella            | xylostella      | Diamondback moth           | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 13.3                                           | ppm                  | 100      | 103261 |
| Methomyl      | Plutella            | xylostella      | Diamondback moth           | MOR          | MOR    | MORT | LC50    |        |                    | 2 d                |                                                | 19.6                                           | ppm                  | 100      | 103261 |
| Methomyl      | Eobania             | vermiculata     | Chocolate Band Snail       | MOR          | MOR    | MORT | LD50    |        |                    | 2 d                |                                                | 80.64                                          | ug/org               | 90       | 111168 |
| Methomyl      | Eobania             | vermiculata     | Chocolate Band Snail       | MOR          | MOR    | MORT | LC50    |        |                    | 3 d                |                                                | 0.31                                           | AI % w/w             | 90       | 111168 |
| Methomyl      | Eobania             | vermiculata     | Chocolate Band Snail       | MOR          | MOR    | MORT | LOAEL   |        |                    | 3 d                |                                                | 0.125                                          | AI % w/w             | 90       | 111168 |
| Methomyl      | Eobania             | vermiculata     | Chocolate Band Snail       | MOR          | MOR    | MORT | LOAEL   |        |                    | 2 d                |                                                | 2.25                                           | ug/org               | 90       | 111168 |
| Methomyl      | Ostrinia            | nubilalis       | European corn borer        | MOR          | MOR    | MORT | LD50    |        |                    | 1 d                |                                                | 1306.8                                         | ppm                  | 99       | 87626  |
| Methomyl      | Manduca             | quinquemaculata | Tomato Hornworm            | MOR          | MOR    | MORT | LD50    |        | 0.75 d             |                    |                                                | 0.0281                                         | % w/v                | 100      | 99406  |
| Methomyl      | Manduca             | quinquemaculata | Tomato Hornworm            | MOR          | MOR    | MORT | NR-LETH |        |                    | 2 d                |                                                | 500                                            | AI g/ha              | 100      | 99406  |
| Methomyl      | Rattus              | norvegicus      | Norway rat                 | PHY          | PHY    | LDPX | LOAEL   |        |                    | 30 d               |                                                | 4                                              | ppm                  | 100      | 118558 |
| Methomyl      | Rattus              | norvegicus      | Norway rat                 | PHY          | PHY    | LDPX | LOAEL   |        |                    | 1 d                |                                                | 9                                              | mg/kg bdwt           | 100      | 118552 |
| Methomyl      | Pseudokirchneriella | subcapitata     | Green algae                | POP          | POP    | PGRT | EC50    |        |                    | 4 d                |                                                | 184                                            | mg/L                 | 100      | 118717 |
| Methomyl      | Pseudokirchneriella | subcapitata     | Green algae                | POP          | POP    | PGRT | EC50    |        |                    | 4 d                |                                                | 108                                            | mg/L                 | 99.5     | 118717 |
| Methomyl      | Cladosporium        | sp.             | Fungus                     | POP          | POP    | PGRT | LC50    |        |                    | 10 d               |                                                | 10000                                          | ppm                  | 100      | 71766  |
| Methomyl      | Alternaria          | sp.             | Fungus                     | POP          | POP    | PGRT | LC50    |        |                    | 10 d               |                                                | 10000                                          | ppm                  | 100      | 71766  |
| Methomyl      | Penicillium         | sp.             | Fungi                      | POP          | POP    | PGRT | LC50    |        |                    | 10 d               |                                                | 10000                                          | ppm                  | 100      | 71766  |
| Methomyl      | Phaseolus           | vulgaris        | Bean                       | POP          | POP    | ABND | LOAEL   |        |                    | 8 d                |                                                | 0.5                                            | AI lb/acre           | 100      | 88797  |
| Methomyl      | Anasa               | tristis         | Squash Bug                 | POP          | POP    | ABND | NOAEL   |        |                    | 1 d                |                                                | 1.5                                            | AI lb/acre           | 100      | 88802  |
| Methomyl      | Diabrotica          | undecimpunctata | Southern corn rootworm     | POP          | POP    | ABND | LOAEL   |        |                    | 1 d                |                                                | 1.5                                            | AI lb/acre           | 100      | 88802  |
| Methomyl      | Acalymma            | vittatum        | Striped Cucumber Beetle    | POP          | POP    | ABND | NOAEL   |        |                    | 1 d                |                                                | 1.5                                            | AI lb/acre           | 100      | 88802  |
| Methomyl      | NR                  | Chrysomelidae   | Leaf beetle family         | POP          | POP    | ABND | LOAEL   |        |                    | 1 d                |                                                | 1.5                                            | AI lb/acre           | 100      | 88802  |
| Methomyl      | Helicoverpa         | zea             | Corn earworm               | POP          | POP    | ABND | LOAEL   |        |                    | 15 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88706  |
| Methomyl      | Spodoptera          | frugiperda      | Fall armyworm              | POP          | POP    | ABND | LOAEL   |        |                    | 15 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88706  |
| Methomyl      | Celama              | sorghihella     | Sorghum Webworm            | POP          | POP    | ABND | LOAEL   |        |                    | 15 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88706  |
| Methomyl      | Helicoverpa         | zea             | Corn earworm               | POP          | POP    | ABND | LOAEL   |        |                    | 15 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88706  |
| Methomyl      | Spodoptera          | frugiperda      | Fall armyworm              | POP          | POP    | ABND | LOAEL   |        |                    | 15 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88706  |
| Methomyl      | Ostrinia            | nubilalis       | European corn borer        | POP          | POP    | ABND | LOAEL   |        |                    | 14 d               |                                                | 0.45                                           | AI lb/acre           | 100      | 88842  |
| Methomyl      | Pseudaletia         | unipuncta       | Armyworm                   | POP          | POP    | ABND | LOEL    |        |                    | 6 d                |                                                | 0.25                                           | AI lb/acre           | 100      | 88862  |
| Methomyl      | Pseudaletia         | unipuncta       | Armyworm                   | POP          | POP    | ABND | LOEL    |        |                    | 4 d                |                                                | 0.25                                           | AI lb/acre           | 100      | 88862  |
| Methomyl      | Hypera              | postica         | Weevil                     | POP          | POP    | ABND | LOEL    |        |                    | 7 d                |                                                | 1.021                                          | AI kg/ha             | 100      | 90677  |
| Methomyl      | Hypera              | postica         | Weevil                     | POP          | POP    | ABND | LOEL    |        |                    | 4 d                |                                                | 1.021                                          | AI kg/ha             | 100      | 90677  |
| Methomyl      | Pseudoplusia        | includens       | Soybean looper             | POP          | POP    | ABND | LOAEL   |        |                    | 7 d                |                                                | 0.25                                           | AI lb/acre           | 100      | 90642  |
| Methomyl      | Anticarsia          | gemmatilis      | Velvetbean Caterpillar     | POP          | POP    | ABND | LOAEL   |        |                    | 4 d                |                                                | 0.25                                           | AI lb/acre           | 100      | 90642  |
| Methomyl      | Nezara              | viridula        | Stink Bug                  | POP          | POP    | ABND | NOAEL   |        |                    | 14 d               |                                                | 0.25                                           | AI lb/acre           | 100      | 90642  |
| Methomyl      | Agrotis             | orthogonia      | Pale Western Cutworm       | POP          | POP    | ABND | LOAEL   |        |                    | 3 d                |                                                | 1                                              | AI lb/acre           | 100      | 113244 |
| Methomyl      | Agrotis             | orthogonia      | Pale Western Cutworm       | POP          | POP    | ABND | LOAEL   |        |                    | 3 d                |                                                | 1                                              | AI lb/acre           | 100      | 113244 |
| Methomyl      | Agrotis             | orthogonia      | Pale Western Cutworm       | POP          | POP    | ABND | LOAEL   |        |                    | 3 d                |                                                | 1                                              | AI lb/acre           | 100      | 113244 |
| Methomyl      | Triticum            | sp.             | wheat                      | POP          | POP    | BMAS | NOAEL   |        |                    | 9 d                |                                                | 1                                              | AI lb/acre           | 100      | 113244 |
| Methomyl      | Triticum            | sp.             | wheat                      | POP          | POP    | BMAS | NOAEL   |        |                    | 7 d                |                                                | 1                                              | AI lb/acre           | 100      | 113244 |
| Methomyl      | Cydia               | nigricana       | Pea Moth                   | POP          | POP    | ABND | LOAEL   |        |                    | gs                 |                                                | 0.56                                           | AI kg/ha             | 100      | 114763 |
| Methomyl      | Cydia               | nigricana       | Pea Moth                   | POP          | POP    | ABND | NOAEL   |        |                    | gs                 |                                                | 0.56                                           | AI kg/ha             | 100      | 114763 |
| Methomyl      | Pisum               | sativum         | Pea                        | POP          | POP    | BMAS | NOAEL   |        |                    | gs                 |                                                | 0.49952                                        | lb/acre              | 100      | 114763 |
| Methomyl      | Pisum               | sativum         | Pea                        | POP          | POP    | BMAS | NOAEL   |        |                    | gs                 |                                                | 0.49952                                        | lb/acre              | 100      | 114763 |
| Methomyl      | Liriomyza           | sativae         | Vegetable Leafminer        | POP          | POP    | ABND | NOAEL   |        |                    | 89 d               |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | Lycopersicon        | sp.             | Tomato                     | POP          | POP    | ABND | NOAEL   |        |                    | d                  |                                                | 4.46                                           | lb/acre              | 100      | 113452 |
| Methomyl      | Helicoverpa         | zea             | Corn earworm               | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | Manduca             | sexta           | Hawk Moth                  | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | Spodoptera          | exigua          | Beet Armyworm              | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | NR                  | Lepidoptera     | Moth and butterfly order   | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | Lycopersicon        | sp.             | Tomato                     | POP          | POP    | ABND | NOAEL   |        |                    | d                  |                                                | 4.46                                           | lb/acre              | 100      | 113452 |
| Methomyl      | Helicoverpa         | zea             | Corn earworm               | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |
| Methomyl      | Manduca             | sexta           | Hawk Moth                  | POP          | POP    | ABND | LOAEL   |        |                    | d                  |                                                | 5                                              | AI kg/ha             | 100      | 113452 |

| Chemical Name | Genus        | Species     | Common Name              | Effect Group | Effect | Meas | Endpt1 | Endpt2 | Dur Preferred Mean | Dur Unit Preferred | Conc #1 Purity Adjusted in Preferred Unit Mean | Conc #2 Purity Adjusted in Preferred Unit Mean | Conc Units Preferred | % Purity | Ref #  |
|---------------|--------------|-------------|--------------------------|--------------|--------|------|--------|--------|--------------------|--------------------|------------------------------------------------|------------------------------------------------|----------------------|----------|--------|
| Methomyl      | Spodoptera   | exigua      | Beet Armyworm            | POP          | POP    | ABND | LOAEL  |        |                    | d                  |                                                | 5                                              | Al kg/ha             | 100      | 113452 |
| Methomyl      | NR           | Lepidoptera | Moth and butterfly order | POP          | POP    | ABND | LOAEL  |        |                    | d                  |                                                | 5                                              | Al kg/ha             | 100      | 113452 |
| Methomyl      | Spodoptera   | exigua      | Beet Armyworm            | POP          | POP    | ABND | LOAEL  |        |                    | 4 d                |                                                | 1                                              | kg/ha                | 100      | 113422 |
| Methomyl      | Spodoptera   | exigua      | Beet Armyworm            | POP          | POP    | ABND | LOAEL  |        |                    | 7 d                |                                                | 1                                              | kg/ha                | 100      | 113422 |
| Methomyl      | Spodoptera   | exigua      | Beet Armyworm            | POP          | POP    | ABND | LOAEL  |        |                    | 7 d                |                                                | 1                                              | kg/ha                | 100      | 113422 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | SEPD | NOAEL  | LOAEL  | 0.666666667        | d                  |                                                | 50                                             | ml/100 L             | 100      | 118209 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | SEPD | NOAEL  |        | 0.666666667        | d                  |                                                | 100                                            | ml/100 L             | 100      | 118209 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | SEPD | NOAEL  | LOAEL  | 0.666666667        | d                  |                                                | 50                                             | ml/100 L             | 100      | 118209 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | SEPD | NOAEL  |        | 0.666666667        | d                  |                                                | 100                                            | ml/100 L             | 100      | 118209 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | GERM | NOAEL  |        | 0.666666667        | d                  |                                                | 100                                            | ml/100 L             | 100      | 118209 |
| Methomyl      | Neozygites   | floridana   | Fungus                   | REP          | REP    | GERM | NOAEL  |        | 0.666666667        | d                  |                                                | 100                                            | ml/100 L             | 100      | 118209 |
| Methomyl      | Trichogramma | nubilale    | Parasitic Wasp           | REP          | REP    | RSUC | LOAEL  |        | 6                  | d                  |                                                | 0.1                                            | Al kg/ha             | 100      | 112749 |
| Methomyl      | Trichogramma | nubilale    | Parasitic Wasp           | REP          | REP    | RSUC | LOAEL  |        | 6                  | d                  |                                                | 0.1                                            | Al kg/ha             | 100      | 112749 |
| Methomyl      | Diaeretiella | rapae       | Parasitoid Wasp          | REP          | REP    | FCND | NOAEL  |        |                    | em                 |                                                | 0.12                                           | Al %                 | 100      | 114765 |